PATENT COOPERATION TREAT?

From the INTERNATIONAL SEARCHING	G AUTHORITY	,					
To: JOSEPH D. ENG, JR. MORGAN & FINNEGAN, LLP 3 WORLD FINANCIAL CENTER NEW YORK, NY 10281-2101			PCT WRITTEN OPINION OF THE INTERNATIONAL SEARCHING AUTHORITY				
			(PCT Rule 43bis.1)				
			Date of mailing (day/month/year) I I MAY 2016				
Applicant's or agent's file reference			FOR FURTHER ACTION See paragraph 2 below				
4649-4002PC							
International application No.	Interr	nternational filing date (day/month/year)		Priority date (day/month/year)			
PCT/US05/07524		rch 2005 (03.03.2005)		03 March 2004 (03.03.2004)			
International Patent Classification							
IPC(8): A61K 51/00(2006.01 USPC: 424/1.21,1.25,1.29,1.3			42(2006.01)				
Applicant	73,1.33,230.1,23	7.1,247.1					
ESSENTIA BIOSYSTEMS, INC	C.						
1. This opinion contains indications relating to the following items:							
M Banka I Ba	-160						
BOX NO. 1 Ba	Box No. I Basis of the opinion						
Box No. II Pri	No. II Priority						
Box No. III No	Non-establishment of opinion with regard to novelty, inventive step and industrial applicability						
Box No. IV La	Lack of unity of invention						
	Reasoned statement under Rule 43 bis.1(a)(i) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement						
Box No. VI Cer	Certain documents cited						
Box No. VII Cer	Certain defects in the international application						
Box No. VIII Cer	Certain observations on the international application						
2. FURTHER ACTION							
If a demand for international preliminary examination is made, this opinion will be considered to be a written opinion of the International Preliminary Examining Authority ("IPEA") except that this does not apply where the applicant chooses an Authority other than this one to be the IPEA and the chosen IPEA has notified the International Bureau under Rule 66.1bis(b) that written opinions of this International Searching Authority will not be so considered.							
If this opinion is, as provided above, considered to be a written opinion of the IPEA, the applicant is invited to submit to the IPEA a written reply together, where appropriate, with amendments, before the expiration of 3 months from the date of mailing of Form PCT/ISA/220 or before the expiration of 22 months from the priority date, whichever expires later. For further options, see Form PCT/ISA/220.							
3. For further details, see notes to Form PCT/ISA/220.							
Name and mailing address of the ISA/US Date of completion of this opinion Authorized officer							
Name and mailing address of the ISA/US Mail Stop PCT, Attn: ISA/US Commissioner for Patents P.O. Box 1450		03 April 2006 (0	·	Vanessa Elford La Classon			
Alexandria, Virginia 22313-1450 Facsimile No. (571) 273-3201			•.	Telephone No. 571-272-1600			

Form PCT/ISA/237 (cover sheet) (April 2005)

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WRITTEN OPINION OF THE INTERNATIONAL SEARCHING AUTHORITY

International application No.

PCT/US05/07524

DUXIN	o. I basis of this opinion				
I. With regard to the language, this opinion has been established on the basis of:					
\boxtimes					
	a translation of the international application into, which is the language of a translation furnished for the purposes of international search (Rules 12.3(a) and 23.1(b)).				
2. With regard to any nucleotide and/or amino acid sequence disclosed in the international application and necessary to the claimed invention, this opinion has been established on the basis of:					
a.	type of material				
	a sequence listing				
	table(s) related to the sequence listing				
b.	format of material				
	on paper				
	in electronic form				
c.	time of filing/furnishing				
	contained in the international application as filed.				
	filed together with the international application in electronic form.				
	furnished subsequently to this Authority for the purposes of search.				
3. In addition, in the case that more than one version or copy of a sequence listing and/or table(s) relating thereto has been filed or furnished, the required statements that the information in the subsequent or additional copies is identical to that in the application as filed or does not go beyond the application as filed, as appropriate, were furnished.					
4. Additi	onal comments:				

WRITTEN OPINION OF THE INTERNATIONAL SEARCHING AUTHORITY

International application No. PCT/US05/07524

Box No. V Reasoned statement under Rule	43 his 1(a)(i)	with regard to novelty, in	ventive step or industrial
applicability; citations and expla	nations supp	orting such statement	ventive step of industrial
1. Statement			
Novelty (N)	Claims	NONE	YES
• , ,	Claims	1-150	N0
Inventive step (IS)	Claims	NONE	YES
mvenuve step (13)	Claims		NO
Industrial applicability (IA)		1-150 NONE	YES NO
	Claims	NONE	NO
2. Citations and explanations:		******	
Claims 1-6, 12-16, and 19-48 lack novelty under PC Histotechnology, Vol. 22, No. 2, June 1999). CROS (latex microspheres). See the entire document. Thu	SALAND ET A	L, teach compositions compris	sing botulinum toxin A and a carrier
Claims 1-10, 12 and 19-48 lack novelty under PCT Health, STN database 2002). SHALABY teaches of Thus, SHALABY teaches the claimed invention.			
Claims 1-150 lack inventive step under PCT Article view of SHALABY and further in view of CONSO! 2003). SCHANTZ ET AL teach that botulinum toxi the botulinum toxin can be conjugate to polymers. C compounds to target sites. See the entire document.	LE ET AL (The ns can be used	: Journal of Biological Chemist in medical applications (pages	try, Vol. 276, No. 37, Septmeber 12, 83-84.). SHALABY ET AL teach
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Form PCT/ISA/237 (Box No. V) (April 2005)